


Name of Faculty	Dr. G DEEPA		
Designation	Assistant Professor (Sr)		
Nature of Job/Appointment	Regular		
Date of Joining	07 – 06 - 2007		
E-mail	gdeepa_maths@cbit.ac.in		
Education Qualifications	Name of the Degree	Class	
Ph. D	Doctor of Philosophy	Awarded	
PG	M. Sc. (Mathematics)	First class with Distinction	
UG	B. Sc. (Computers)	First /Distinction	
Work Experience			
Teaching	14 Years		
Research	5 Years		
Industry	--		
Others	--		
Area of Specialization	Fluid Mechanics		
Professional Memberships	APTSMS II		
Responsibilities held at Institution Level	Class time table in charge		
Responsibilities held at Department Level	----		
Research Guidance	--		
Awards Received	--		
Courses Handled at Graduate / Post Graduate Level.	Mathematics- I, II, III; Probability & Statistics, Mathematics for Engineering		
No. of Papers Published	National Journals – 01	International Journals – 05	
	National Conference – 01	International Conference	
Projects Carried out	--		
Patents	--		
Technology Transfer	--		
Invited Speaker	--		
No. of Books/Chapter Published with details			
Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops. Other Trainings (Attended and/or Organized).			

1. Participated in Online International Faculty Development Program on “THE ROLE OF LINEAR ALGEBRA IN MACHINE LEARNING, ARTIFICIAL INTELLIGENCE & DATA SCIENCE”, organized by the Departments of Mathematics and Humanities, Computer Science Engineering and Information Technology, Mahatma Gandhi Institute of Technology, Hyderabad held from 29 th November, 2021 to 3 rd. December 2021

2. Participated in five-day FDP on “Computational Mathematics and Recent Advances in Management Principles” held from 15/11/2021 to 19/11/2021 organized by Department of Management Studies and Department of Mathematics, at Swami Keshav Anand Institute of Technology Management & Gramatan, Jaipur.
3. Attended a one day webinar on “National Conference on Moral Values and Relevance of Swami Vivekananda’s Thought in the Present World ” held on 2<sup>nd</sup> November 2021 organized by the Swami Vivekananda Centre for Higher Research and Education, Alagappa University, Karaikudi .
4. Attended a one day webinar on “AN OVERVIEW OF MATHEMATICAL SCIENCES-TRB ASPIRANTS ” held on 25th October 2021 organized by the Department of Mathematics , Kongu Engineering College.
5. Participated in the ‘National webinar on “Fixed Point Theory and its Applications” during October 10-12, 2021, organized by the Department of Mathematics, Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon.
6. Participated in One Week Virtual International Lecture Workshop on "New Advances in Mathematical and Computational Sciences " (NAMCS-2021) Organized by Department of Applied Mathematics, Yogi Vemana University, Kadapa - 516005, A.P., INDIA during 13.09.2021 to 18.09.2021.
7. Participated in the ‘National webinar on Cryptography’ t ” during September 10-12, 2021, organized by the Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon in collaboration with Indian Institute of Information Technology, Lucknow.
8. Participated in two week FDP on " “Research Advances in Mathematics and its Applications” organized by the Department of Mathematics, Sathyabama Institute of Science and Technology, Chennai from 2<sup>nd</sup> -14<sup>th</sup> August 2021.
9. Participated in one day National webinar on "Latest Technological Tools for Teaching and Learning & Positive (LTTTLPT-2021)" organized by the Department of Mathematics and Physics in collaboration with IQAC on 24<sup>th</sup> July 2021.
10. Participated in Three day National e-Workshop on “Sagemath” organized by the Department of Mathematics, Thassim Beevi Abdul Kader College for Women, Kilakarai, held from 22<sup>nd</sup> – 24<sup>th</sup> July 2021.
11. Participated in one Week Faculty Development Program on “Recent Trends Application of Mathematics” organized by the Department of Freshman Engineering, Chadalawada Ramanamma Engineering College, Tirupati from 12<sup>th</sup>-17<sup>th</sup> July 2021.
12. Participated in one day National level webinar on “A Brief Survey on selected topics on Real Analysis” organized by the Department of Mathematics in collaboration with IQAC, Fakir Chand College, West Bengal on 08th July 2021.
13. Participated in one day National level webinar on “Control Systems in Robotics: Theory and Applications” organized by the Department of Electrical and Electronics Engineering, Mandsaur University, Mandsaur , July 2021.
14. Participated in one day National level webinar on “Semi Numerical Method for Class of Boundary Value Problem for Nonlinear Ordinary Differential Equations” organized by the Department of Mathematics, Shree Khasgatesh College of Arts, Commerce and Science, Vijayapur, Talikoti, Karnataka on 7<sup>th</sup> July 2021.

15. Participated in Nine-day National level online Faculty Development Program (FDP) on “Foregrounding the Spectrum of Character Building in Modern Human Life” organized by the Department of Humanities and Sciences, Balaji Institute of Technology and Science, Hyderabad from 25<sup>th</sup> June to 3<sup>rd</sup> July 2021.
16. Participated in one week Faculty Development Program (FDP) on “Research Practices in Thermo Fluid and Renewable Energy Systems” organized by the Department of Mechanical Engineering, Srinidhi Institute of Science and Technology, Hyderabad during 28<sup>th</sup> June to 3<sup>rd</sup> July 2021
17. Participated in Six-day Faculty Development Program (FDP) on “Mathematics on Various plat forms” organized by the Department of Mathematics Bharat Institute of Engineering and Technology (BIET), Hyderabad during 17<sup>th</sup> to 22<sup>th</sup>.June 2021
18. Participated in one-week online Faculty Development Program (FDP) on “Role of Mathematics in Latest Engineering Trends” organized by the Department of Mathematics under Department of Science and Humanities by Lords Institute of Engineering and Technology from 4<sup>th</sup> to 10<sup>th</sup>.June,2021
19. Participated in one-week online Faculty Development Program (FDP) on “IPR & Patent Prosecution” organized by the Department of Computer Science Engineering at MVSREC from 24<sup>th</sup> to 28<sup>th</sup>.May 2021
20. Attended two day online National seminar on “Mathematical Modelling-A Comprehensive Approach” held at Loyola Academy Degree and PG College on 11-12th May,2021.
21. Attended one day online National seminar for “IOT Real World” held at CBIT on 28<sup>th</sup>October,2021.
22. Attended NPTEL online Certification on “Calculus of Several Variables” in the month of August-October 2019.
23. One day workshop as a coordinator in the Department of Mathematics with title “IAVM”in the month of August 29-31, 2019.
24. Participated in one-week Faculty Development Program (FDP) on “Data Science” organized by the E&ICT Academy, National Institute of Technology, Warangal at CBIT from 5<sup>th</sup> to 10<sup>th</sup> August 2019.
25. Attended one day seminar on “Physics and its Applications in Engineering “held at CBIT on March13,2019.
26. One day workshop as a coordinator in the Department of Mathematics with title “Application of Mathematics in space sciences”, in the month of November 2018.
27. Participated in “A national level Two Day Workshop on Interface of Statistical Analysis using R” organized by the Dept of M&H, CSE, & IT of CBIT, Hyderabad held on 9th&10th of February, 2018.
28. Attended three weeks Refresher Course Organized by UGC Human Resource Development\*(ASC)-University of Hyderabad from 3-09-2015-23-07-2015
29. Participated in one week Faculty Development Program (FDP) on “Mathematical Modelling and Simulation Techniques” organized by Dept of M&H, held in CBIT from 5th to 10th May 2014.
30. Attended Faculty Development Program “English for Effective Communication” in CBIT from 5-7th of August 2014.

31. Presented a paper entitled “finite element analysis for effects of thermal radiation and chemical reaction on MHD free convection flow past a semi-infinite moving vertical porous plate” a two-day National conference on relevance of English, Mathematics & Management Sciences to technical courses on 3-4 April 2014, organized by MGIT, Hyderabad
32. Attended two-day workshop on Women in Science and Technology –Social impact in CBIT from 8-9th March 2013.
33. Attended four weeks Orientation Course Organized by UGC-Academic staff College- Osmania University from 3-7-2013-31-07-2013.
34. Attended National Conference on Recent Trends in Application of Mathematics & XXII Congress of APSMS 2013 Held at Anurag Group of Institutions Hyderabad from 13-15 Dec, 2013.
35. Attended two-day workshop on “Speech processing and its Applications in Engineering”, held at CBIT from 23-24 August 2013.
36. Attended two-day National Conference on “Mathematical Sciences and Engineering Applications NCMSEA-2k12 conducted in BITS Vizag on 10th-11th of March ,2012
37. Attended two-day National workshop on “Advanced Techniques in Computational Fluid Dynamics “held at department of Mathematics, OU, on February 24- 25,2012.
38. Participated in One-week in-house Training Program on “Effective Teaching Methodology” held at CBIT, from 25 – 30 of June 2007.

1. Dr.G.Deepa,“ Continuity Equations in Fluid Dynamics and Bianchi Identities”, journal of Strad Research , ISSN: 0039-2049,2021, pp.587-591.
2. Dr.G.Deepa,“Effects of Thermal Radiation and Chemical Reaction On Unsteady Hydromagnetic Mixed Convection Flow Past an Infinite Vertical Plate” , journal of Science and Arts , ISSN: 1844-9581,2018,pp.736-776.
3. Dr.G.Deepa, “Analysis of Soret and Dufour effects on unsteady MHD convective flow past a semi-infinite vertical porous plate Via Finite Difference Method”, International Journal of Applied Physics and Mathematics, volume 4,2014,pp.332-344.
4. Dr.G.Deepa, “Effects of Viscous Dissipation on unsteady MHD free convective flow with Thermophoresis past a radiate inclined permeable plate”,Iranian Journal of science and Technology ,special issue 38A3,2012,ISSN 1028-6276,2014,pp.379-388.
5. Dr.G.Deepa,“Viscous Dissipation On Stagnation Point Flow and Heat Transfer of a Micropolar Fluid with Uniform Suction or Blowing”, Advances in Applied Science Research, ISSN: 0976-8610,2012,pp.430-439
6. Dr.G.Deepa, “Viscous Dissipative Effects on Moving Vertical Surface in the Presence of Magnetic Field”,

#### Research Publications

(No. of papers published in National / International Journals / Conferences)

The Mathematics Education , Volume  
XLIII, No.1, March 2009, 23- 31.